

Service Manual

Multi-Scan Color CRT Display

PanaSync S70

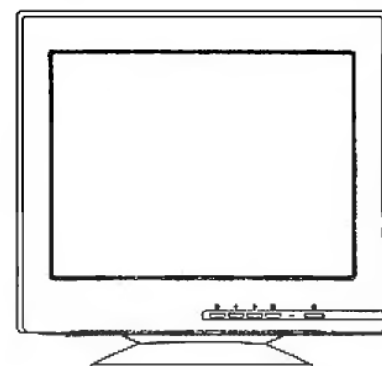
MODEL TX-D7F35-M/-U/-SW/-E/-G)

Chassis No. HV9

Chassis Family No.17HV9

Suffix of Each Model and Destination

M	North America	(Power Cord:UL/CSA type	No. TSXA023 enclosed)
-U	U.K.	(Power Cord:U.K. type	No. TSX8493 enclosed)
-SW	Switzerland	(Power Cord:SEV type	No. TSX8492 enclosed)
-E	Germany	(Power Cord:VDE type	No. TSX8484 enclosed)
-G	Other Europe and Asia	(Power Cord:VDE type	No. TSX8484 enclosed)



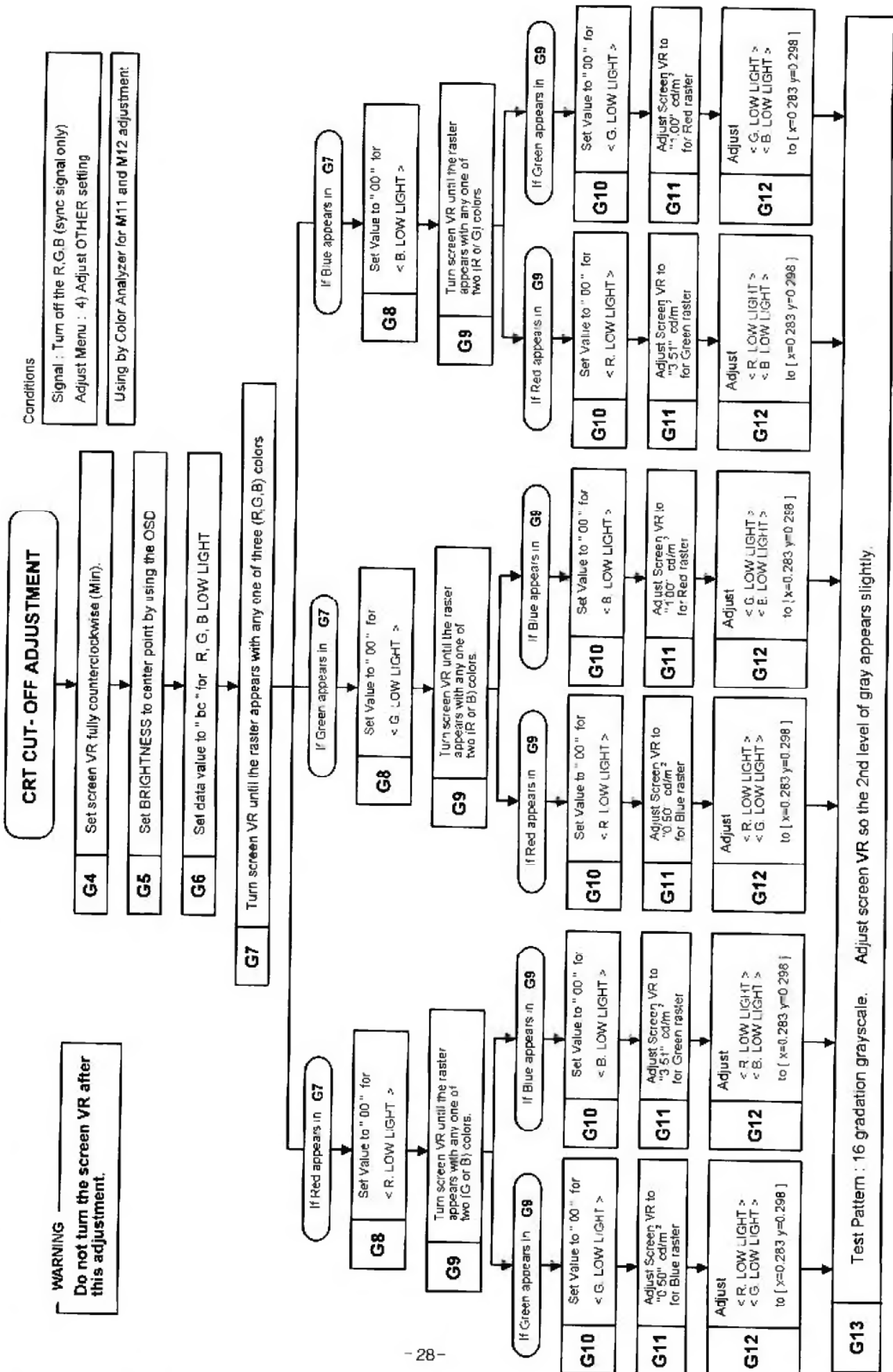
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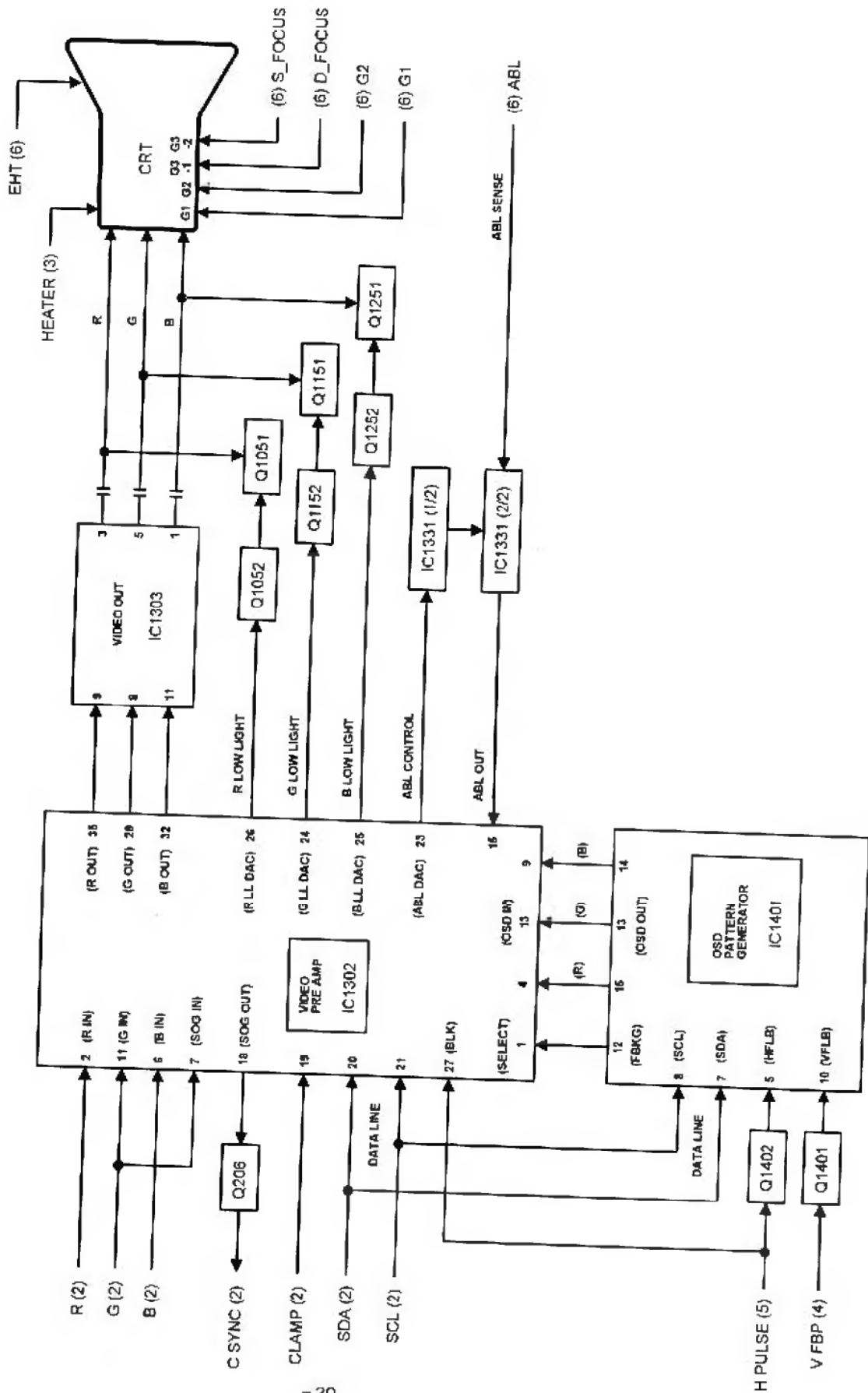
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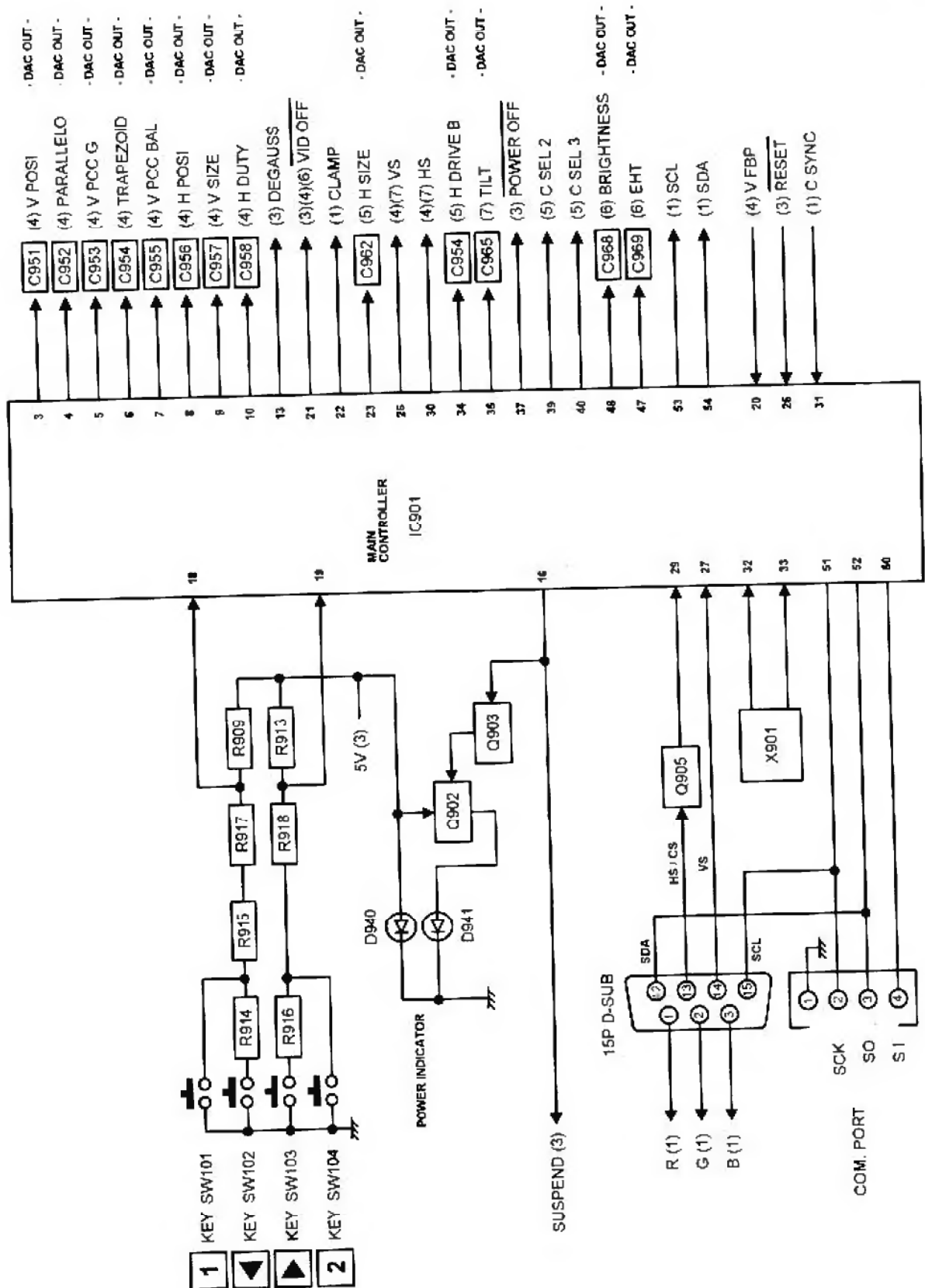


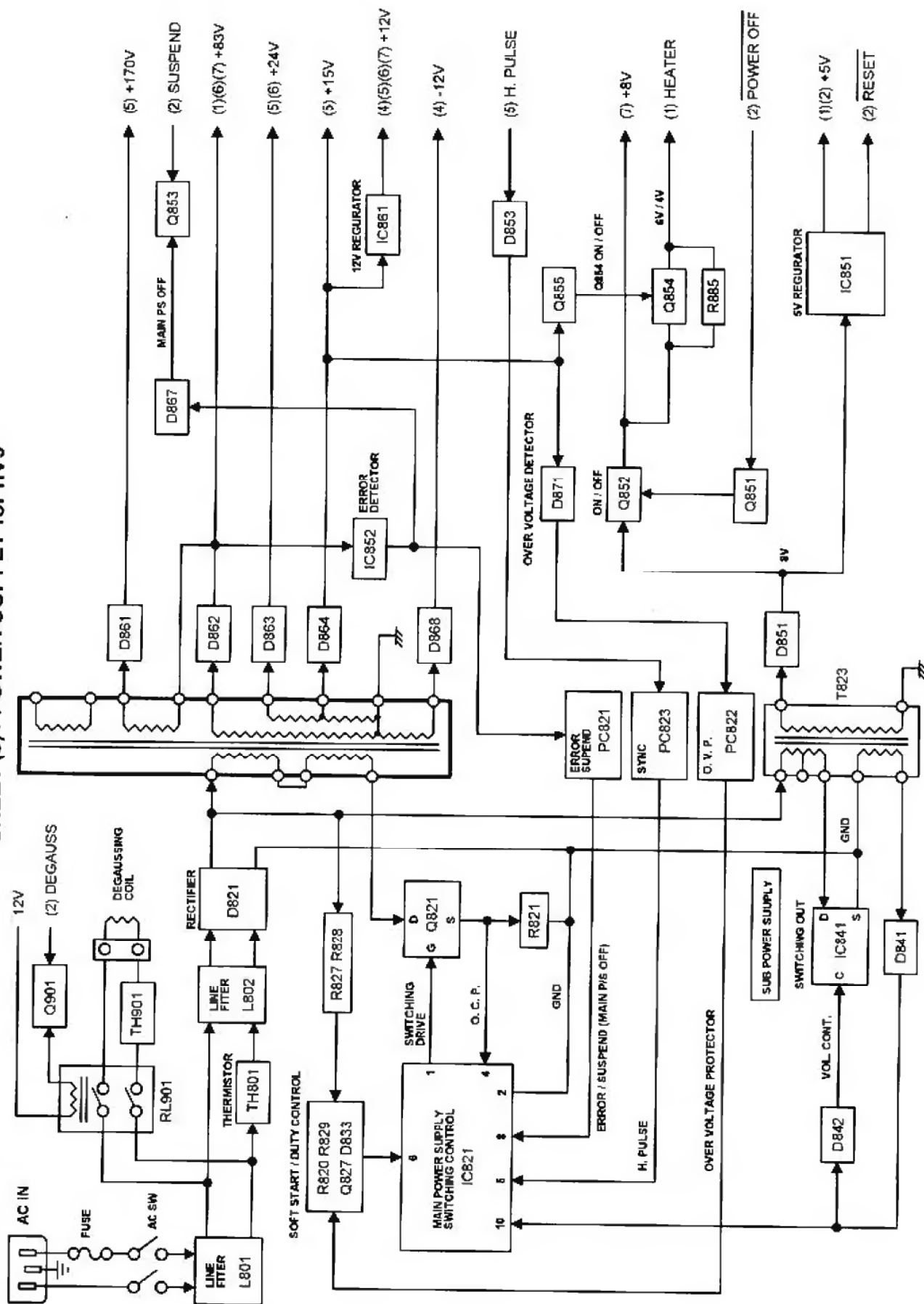
BLOCK DIAGRAM

SHEET (1) / VIDEO AMP for HV9

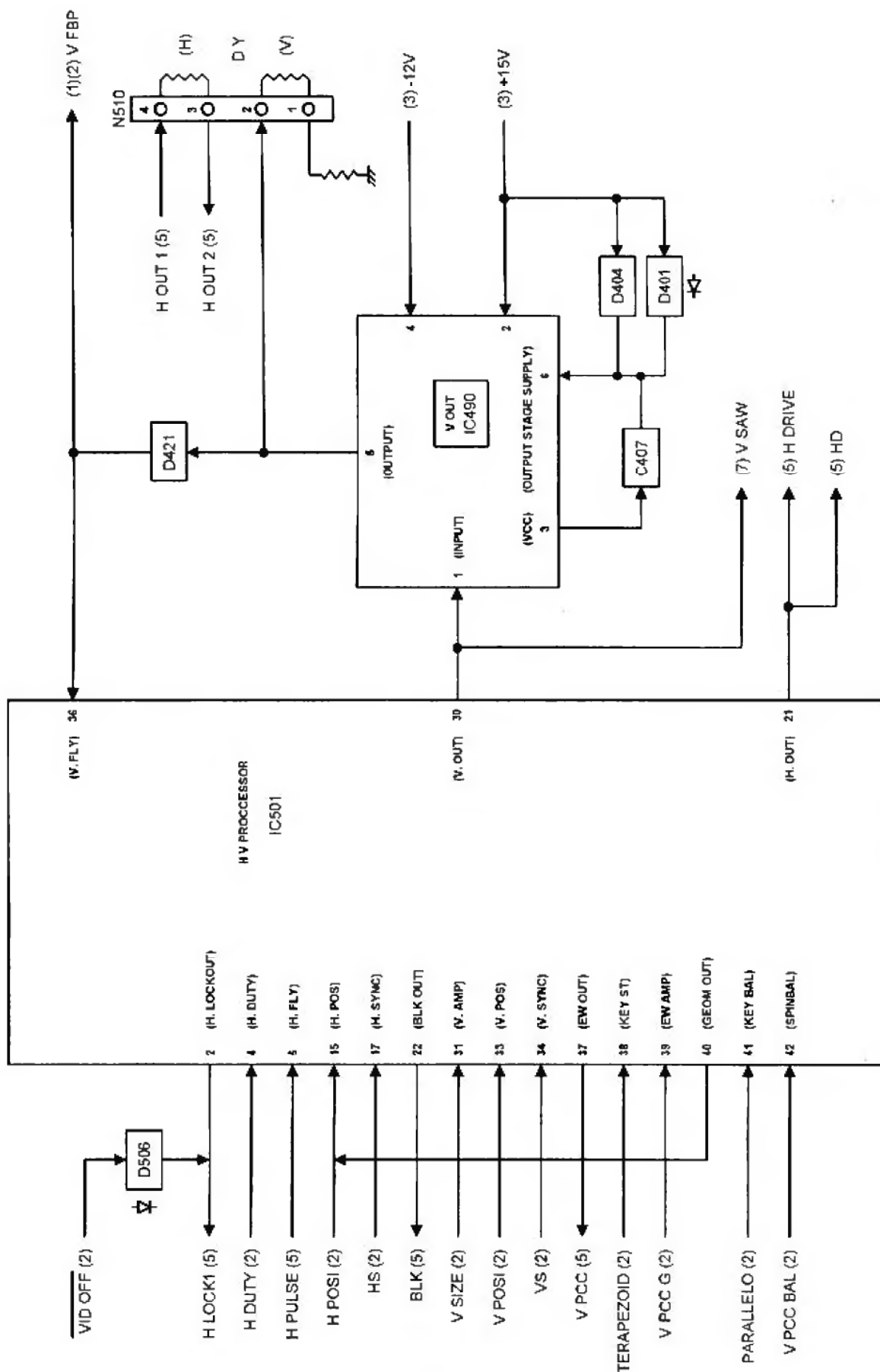


SHEET (2) / MAIN CONTROL for HV9

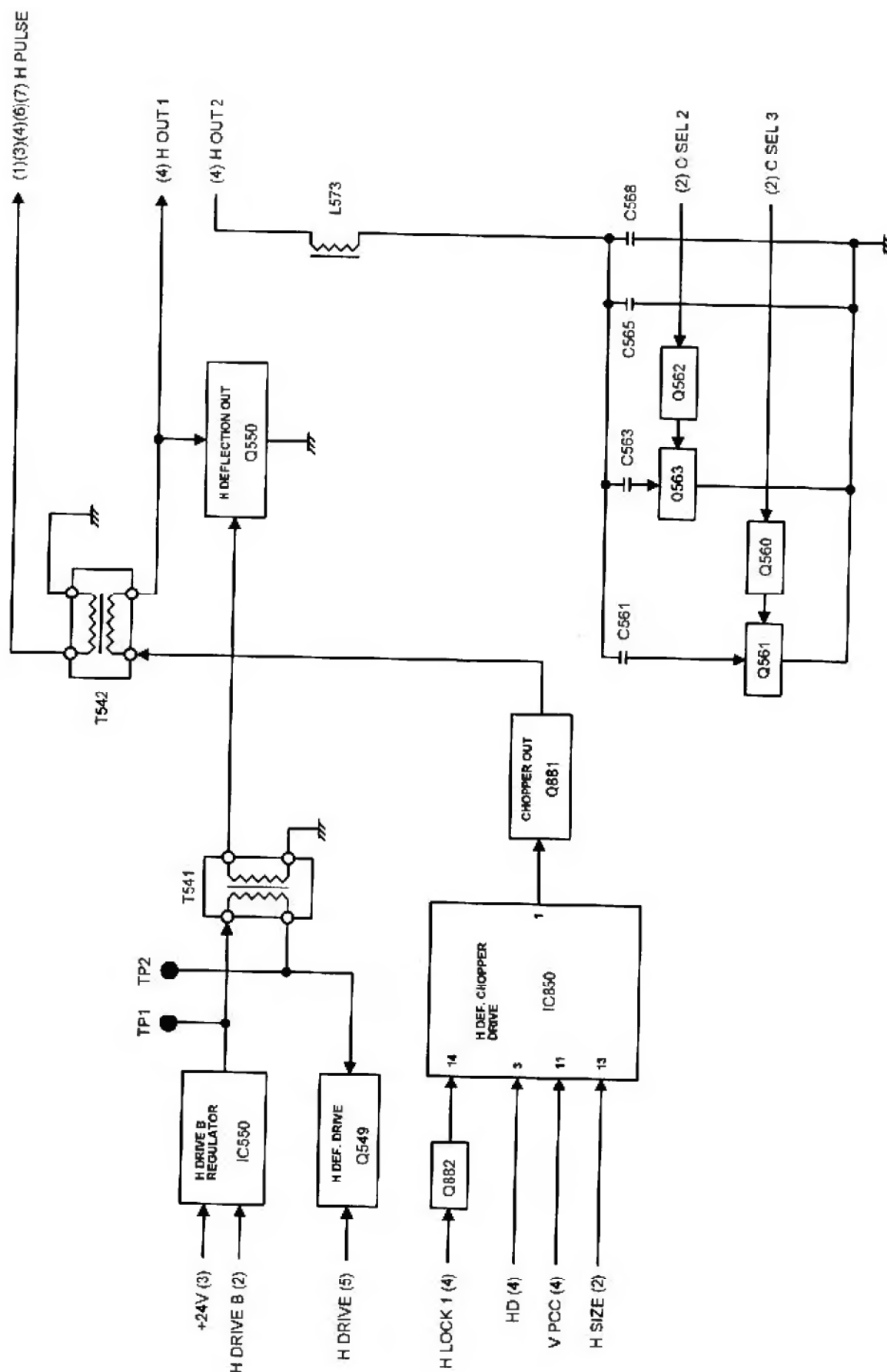


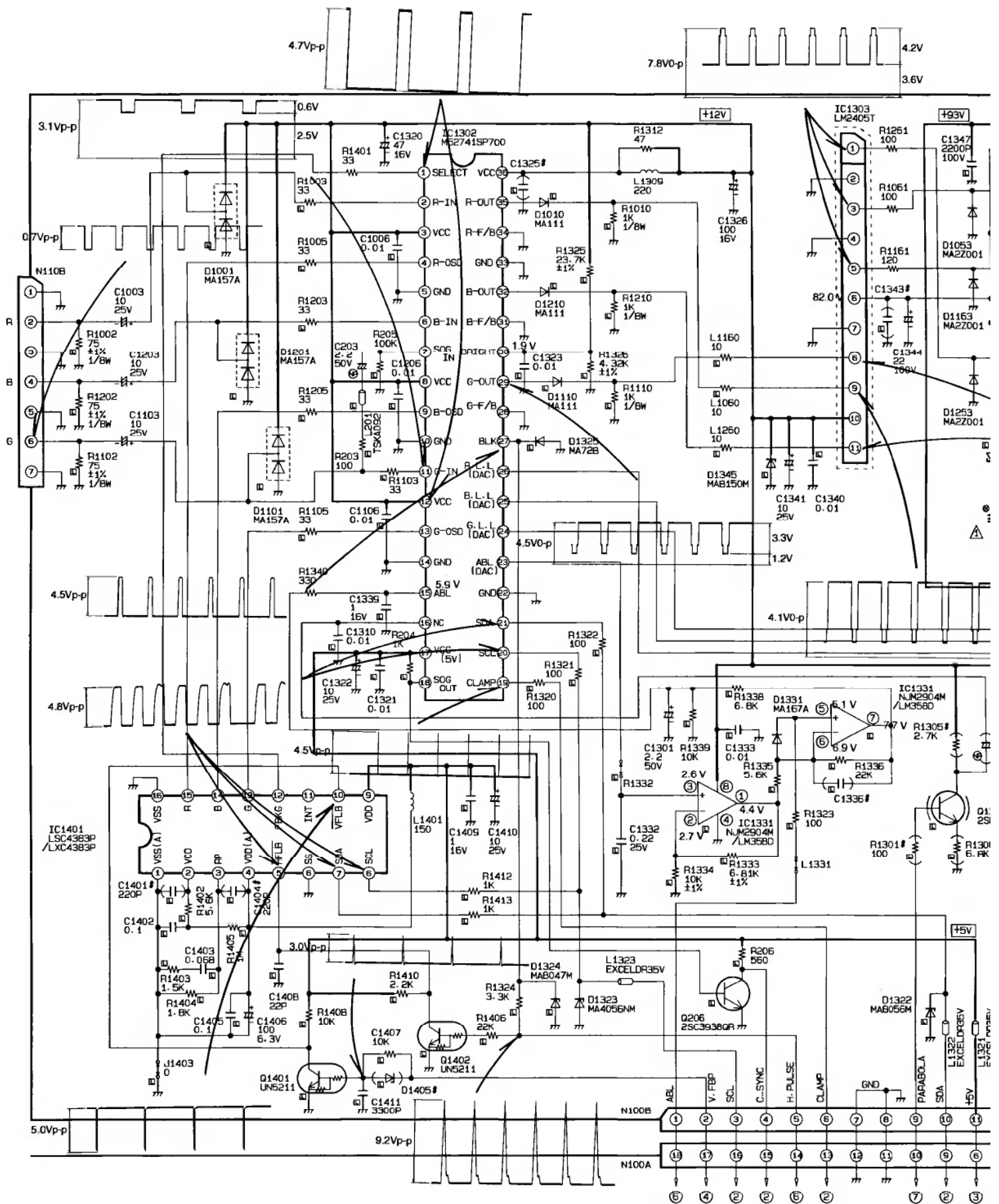


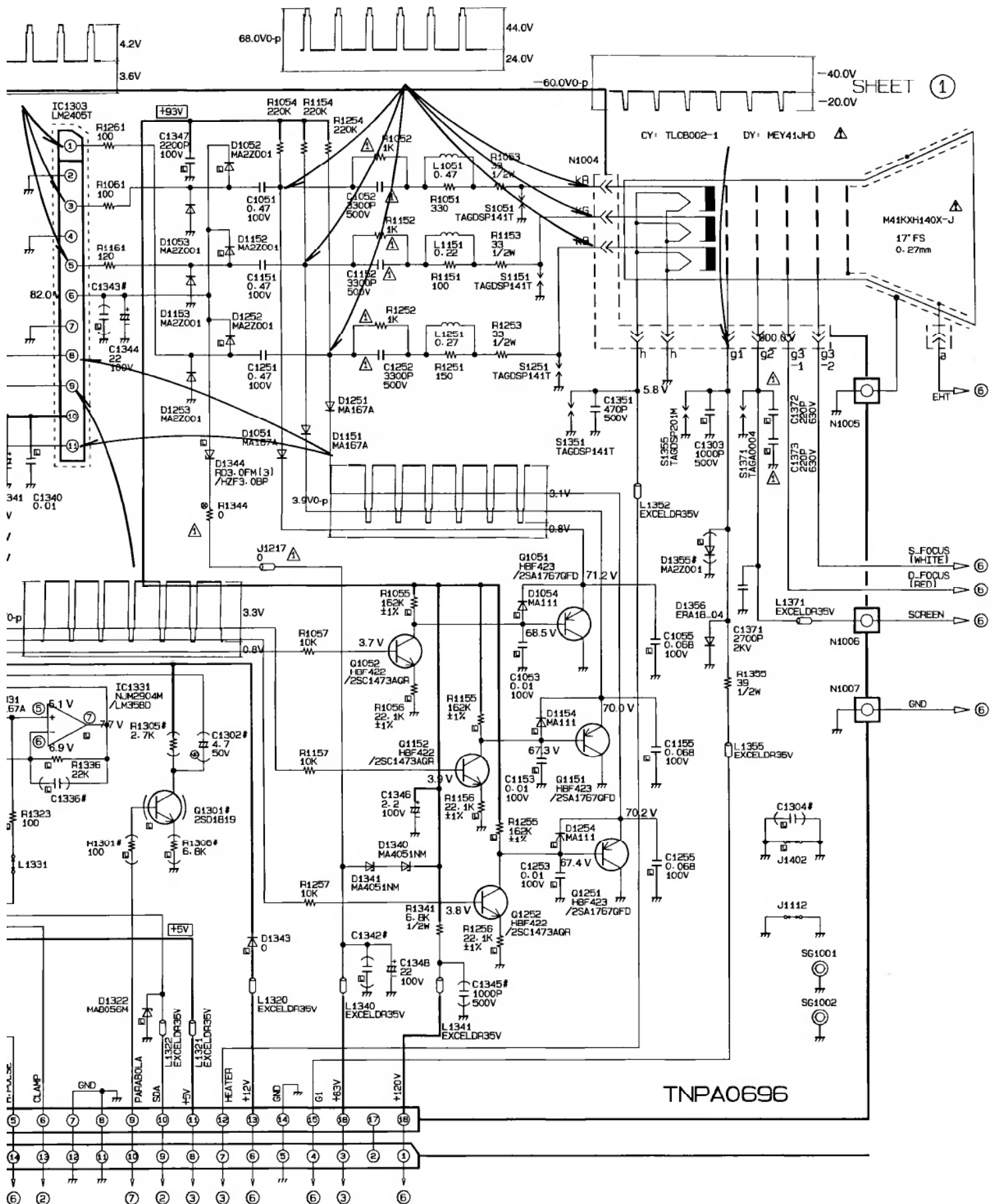
SHEET (4) / HV CONTROL for HV9

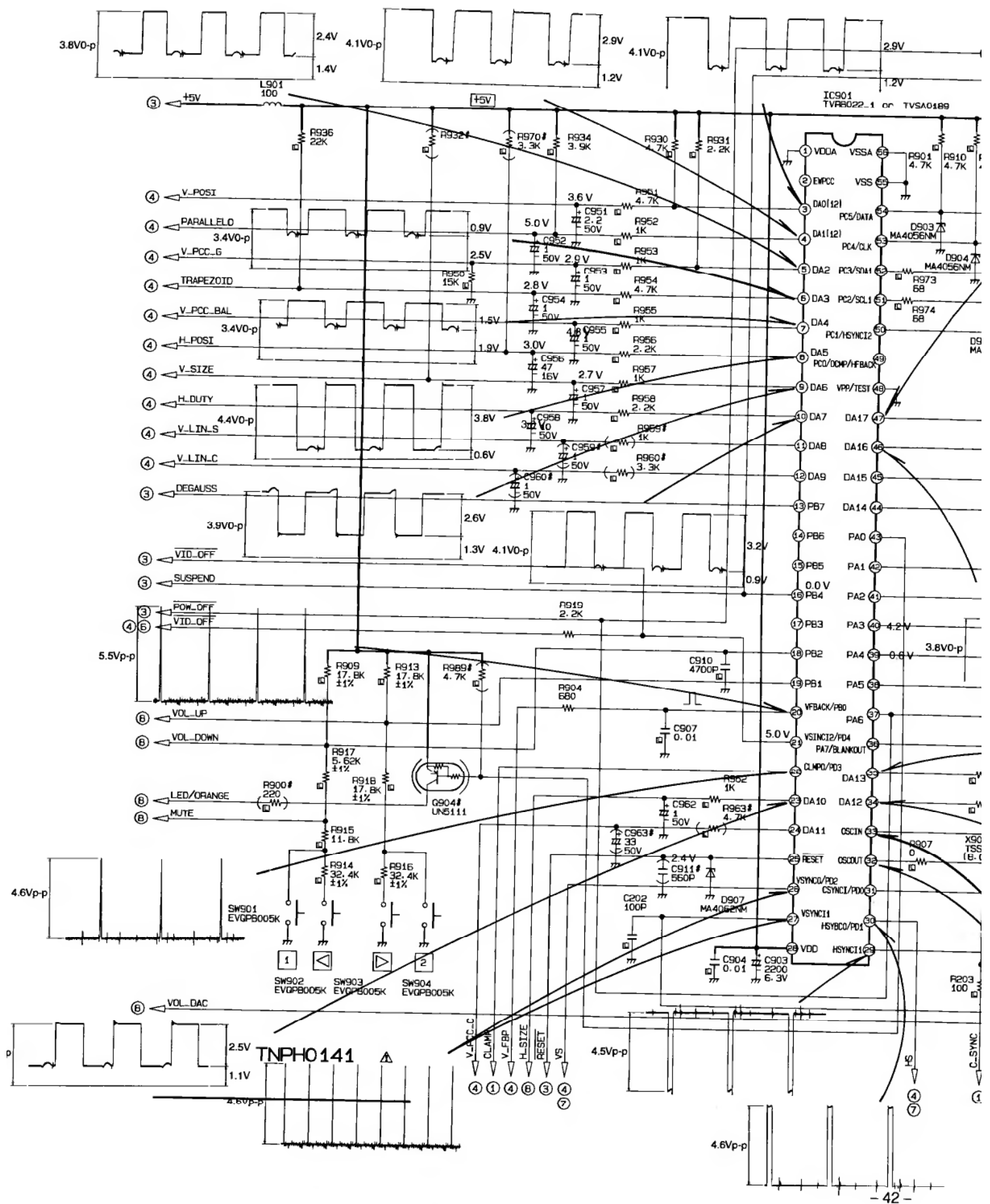


SHEET (5) / HORIZONTAL DEFLECTION for HV9

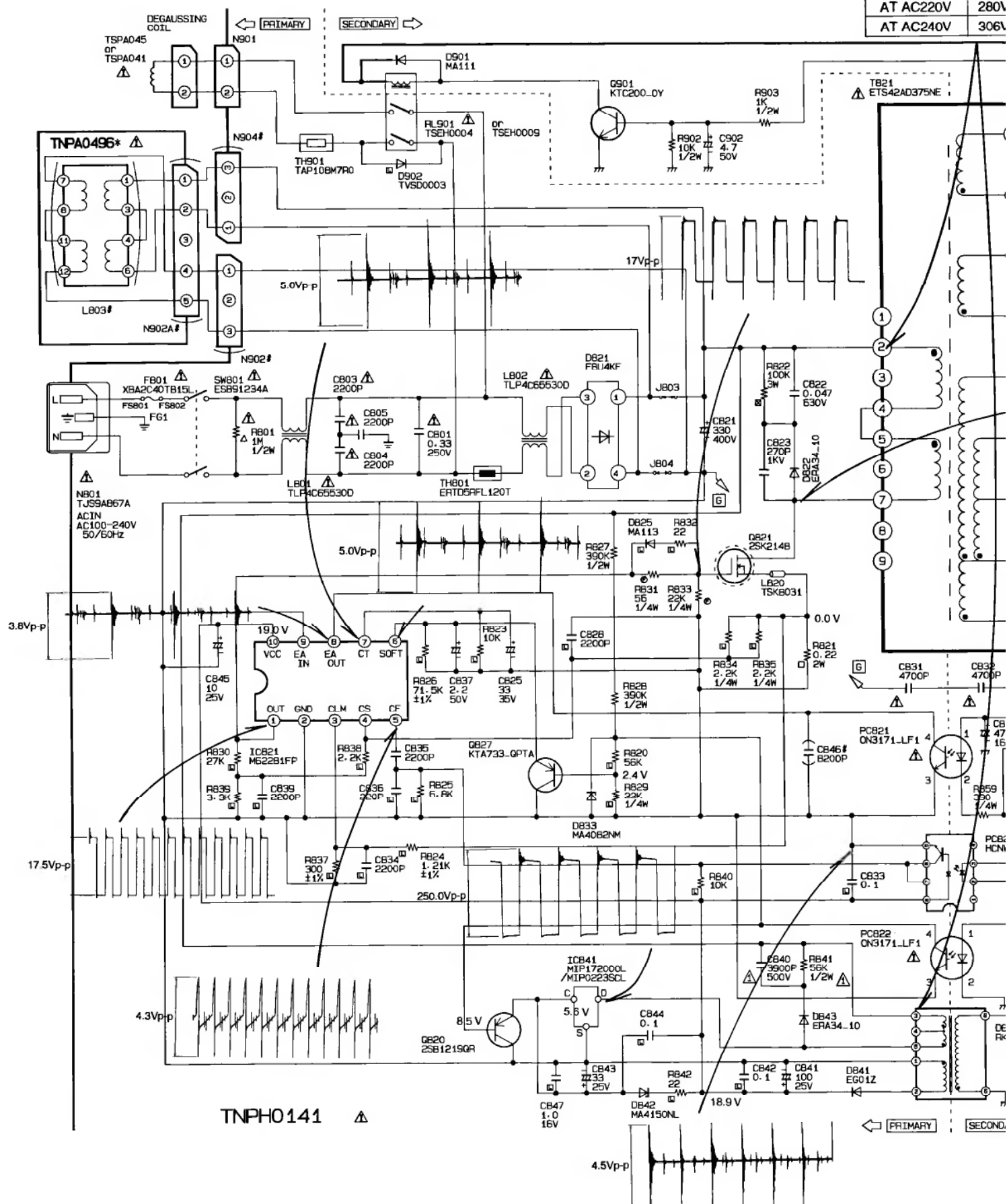






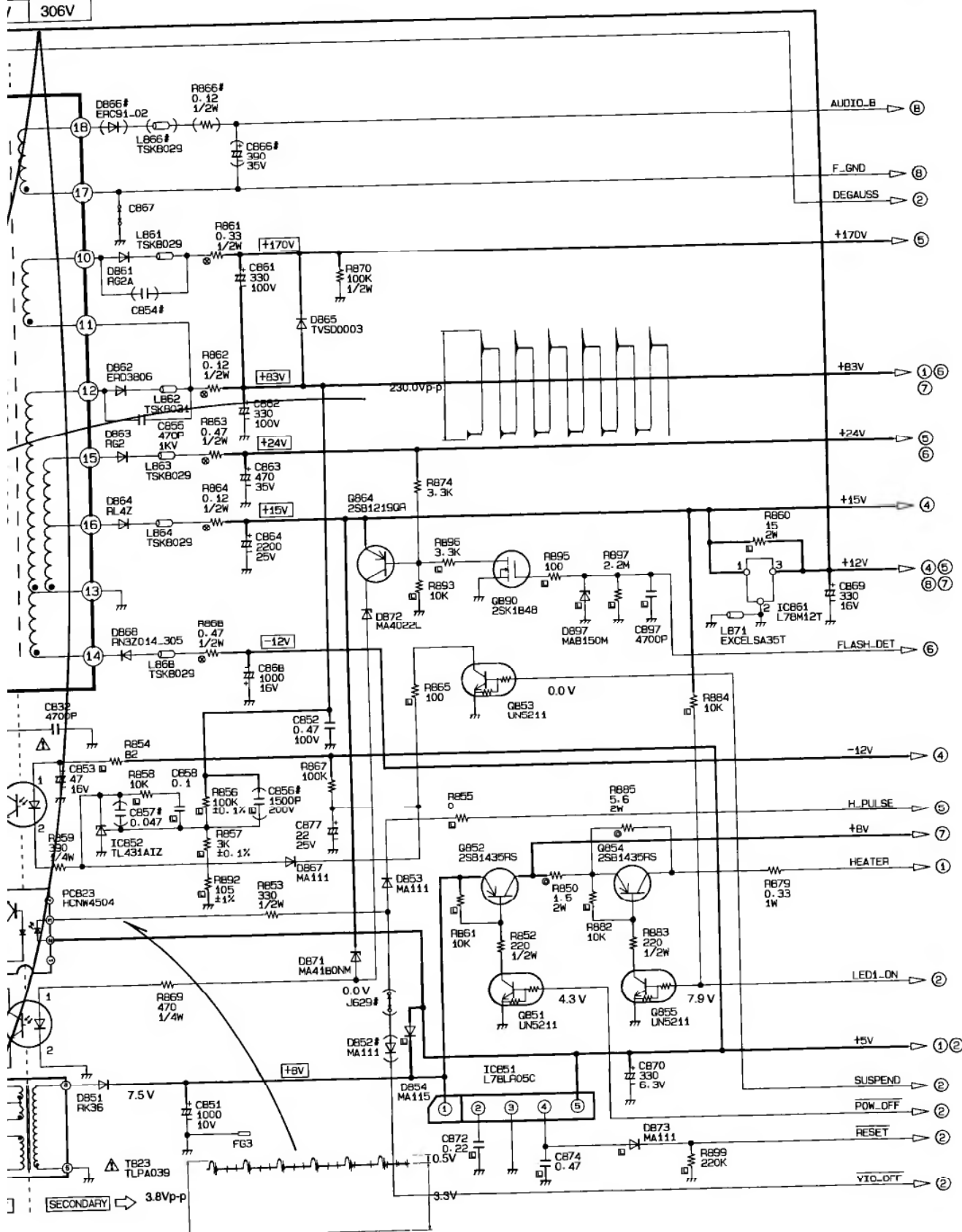


AT AC100V	122V
AT AC100V	122V
AT AC120V	150V
AT AC220V	280V
AT AC240V	306V

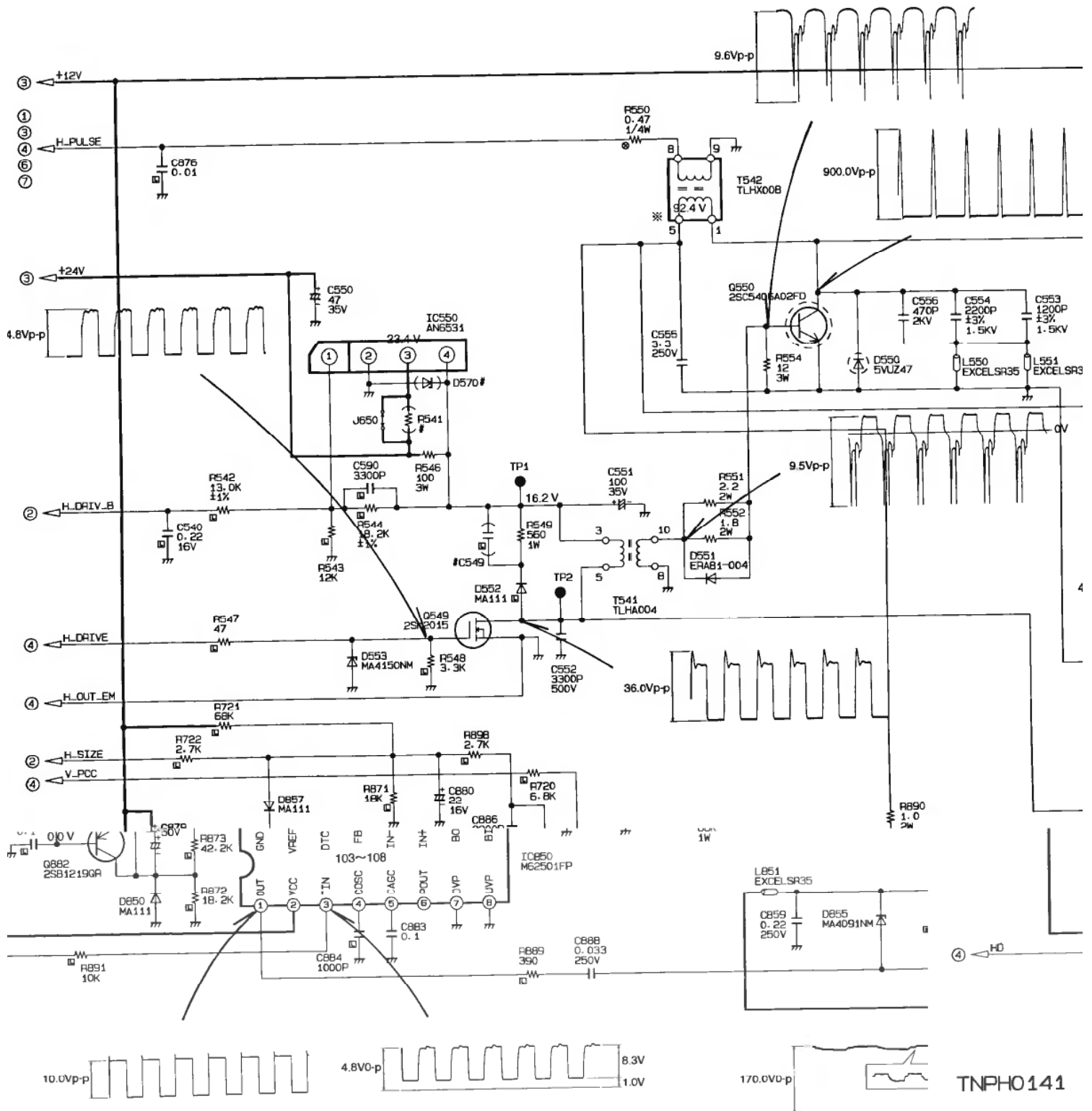


122V
122V
150V
280V
306V

SHEET ③



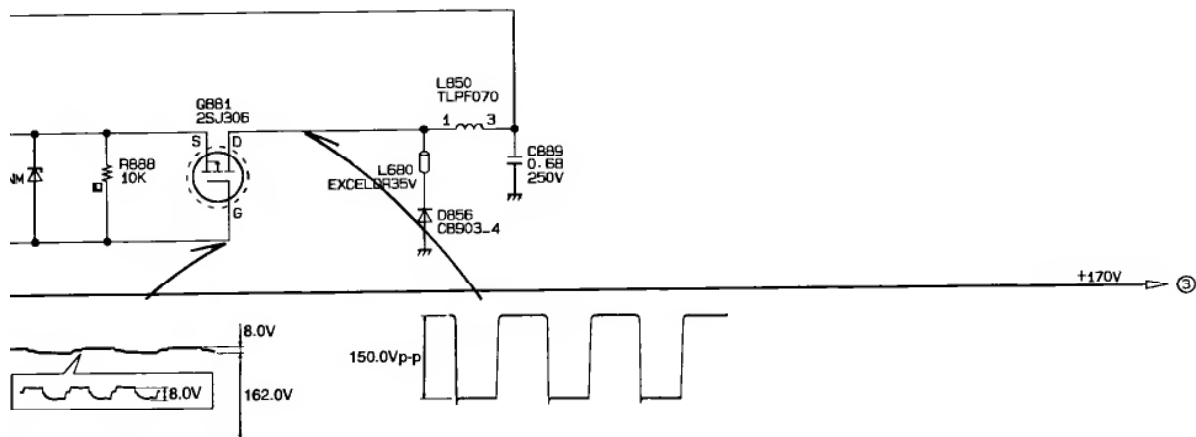
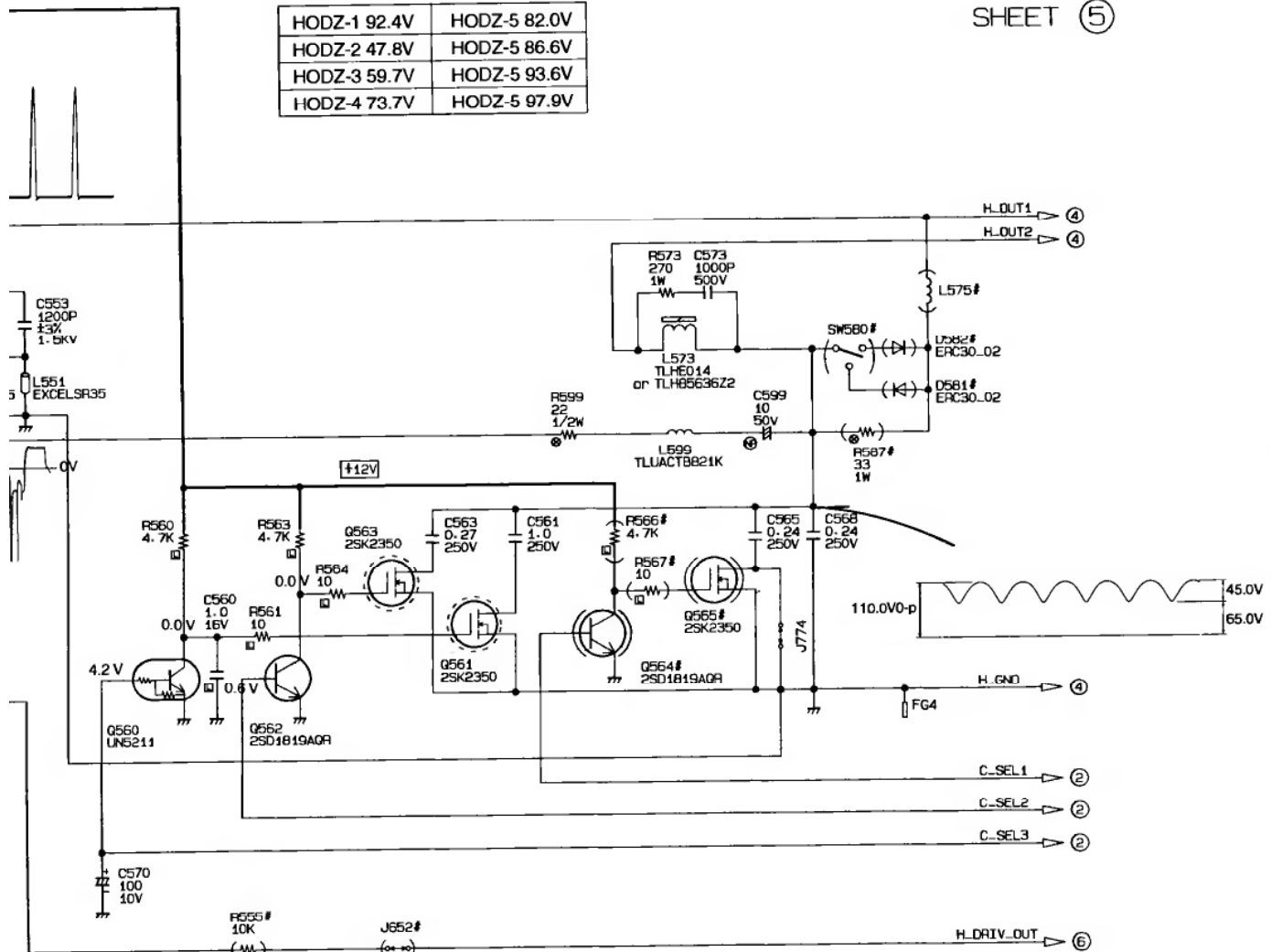


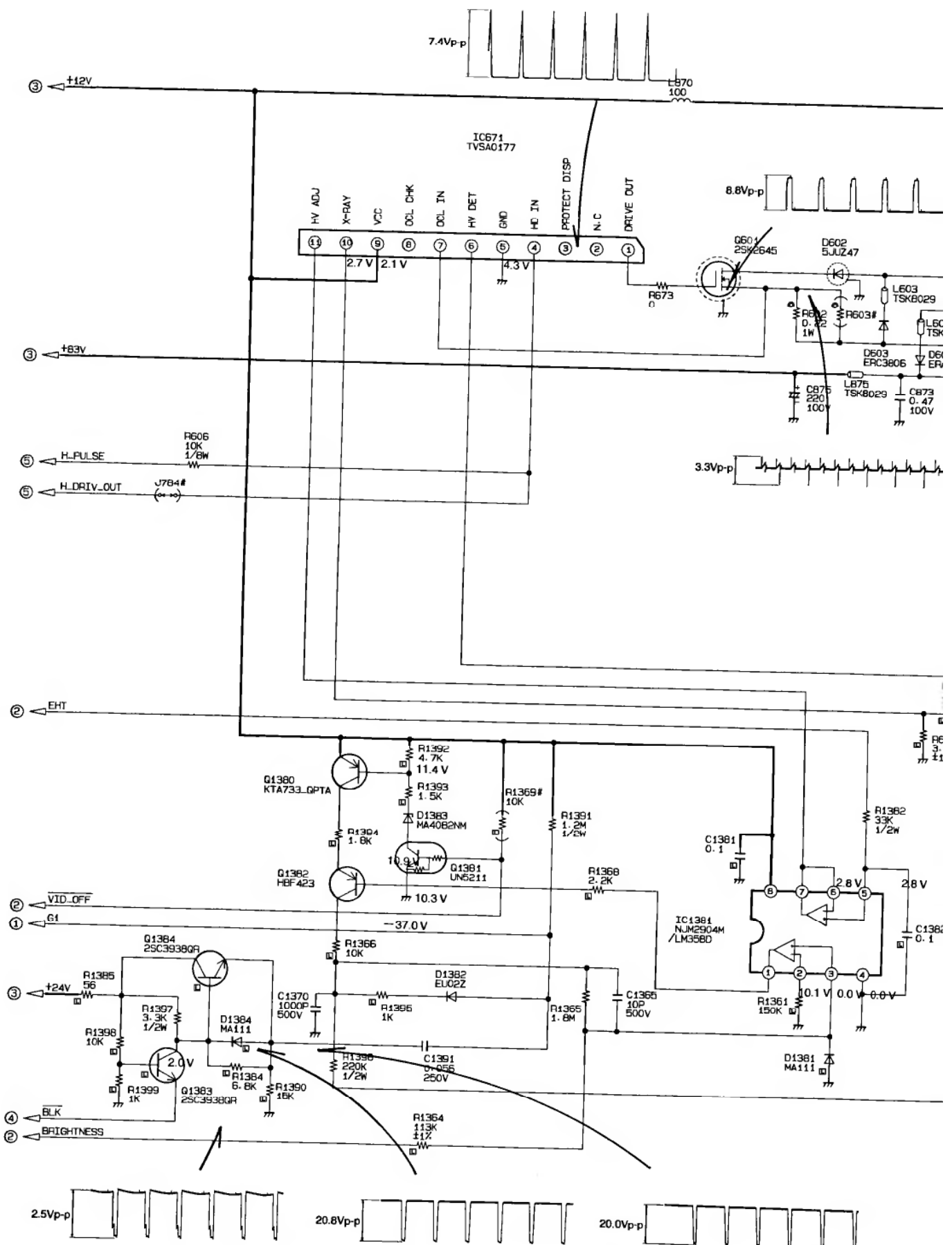


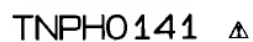
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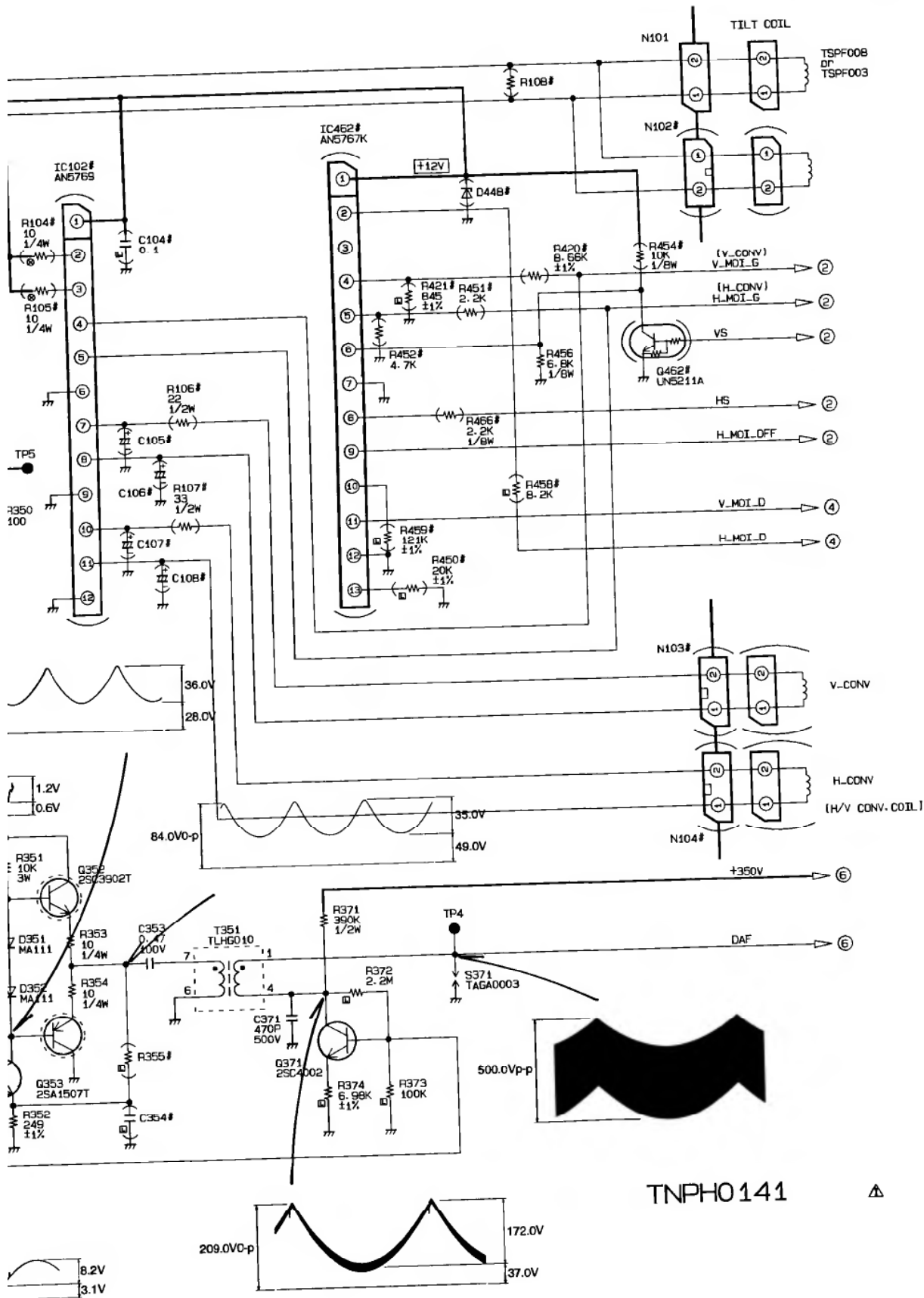
HODZ-1 92.4V	HODZ-5 82.0V
HODZ-2 47.8V	HODZ-5 86.6V
HODZ-3 59.7V	HODZ-5 93.6V
HODZ-4 73.7V	HODZ-5 97.9V

SHEET ⑤





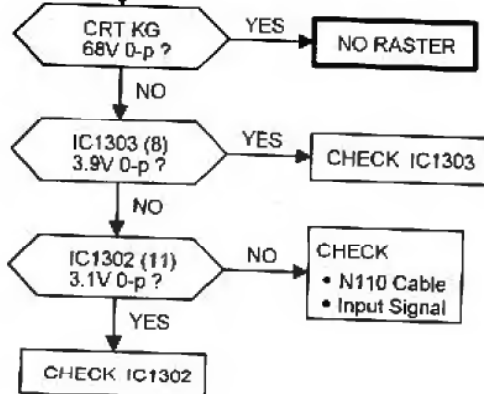




TROUBLE SHOOTING HINTS

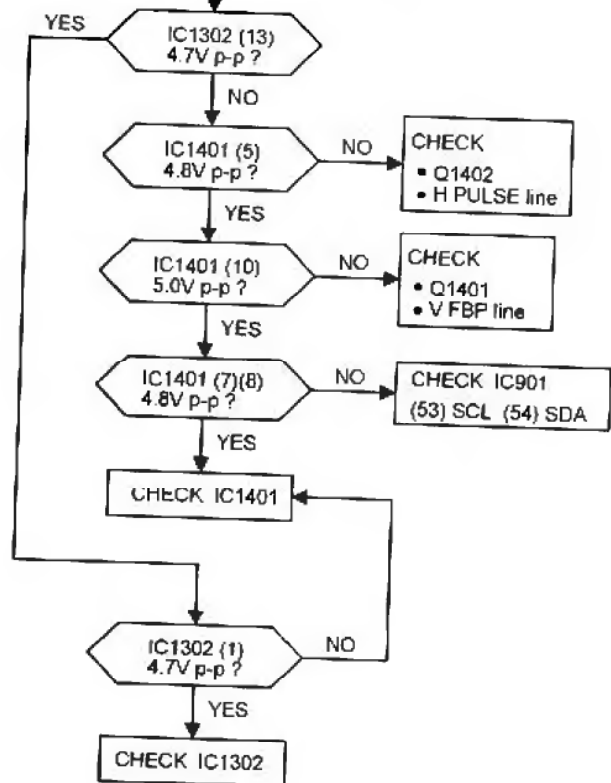
• NO CHARACTERS • MISSING ONE COLOR

EXAMPLE : GREEN MISSING

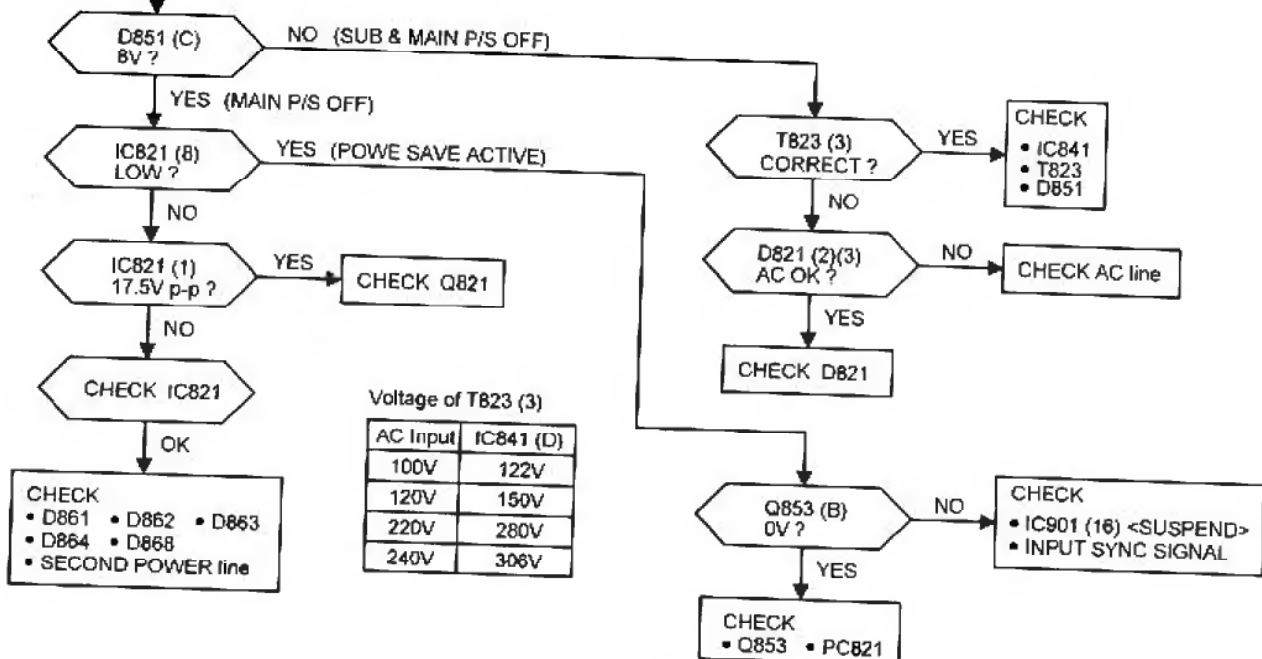


OSD DOES NOT WORK

EXAMPLE : GREEN MISSING
CONDITION : OSD ON

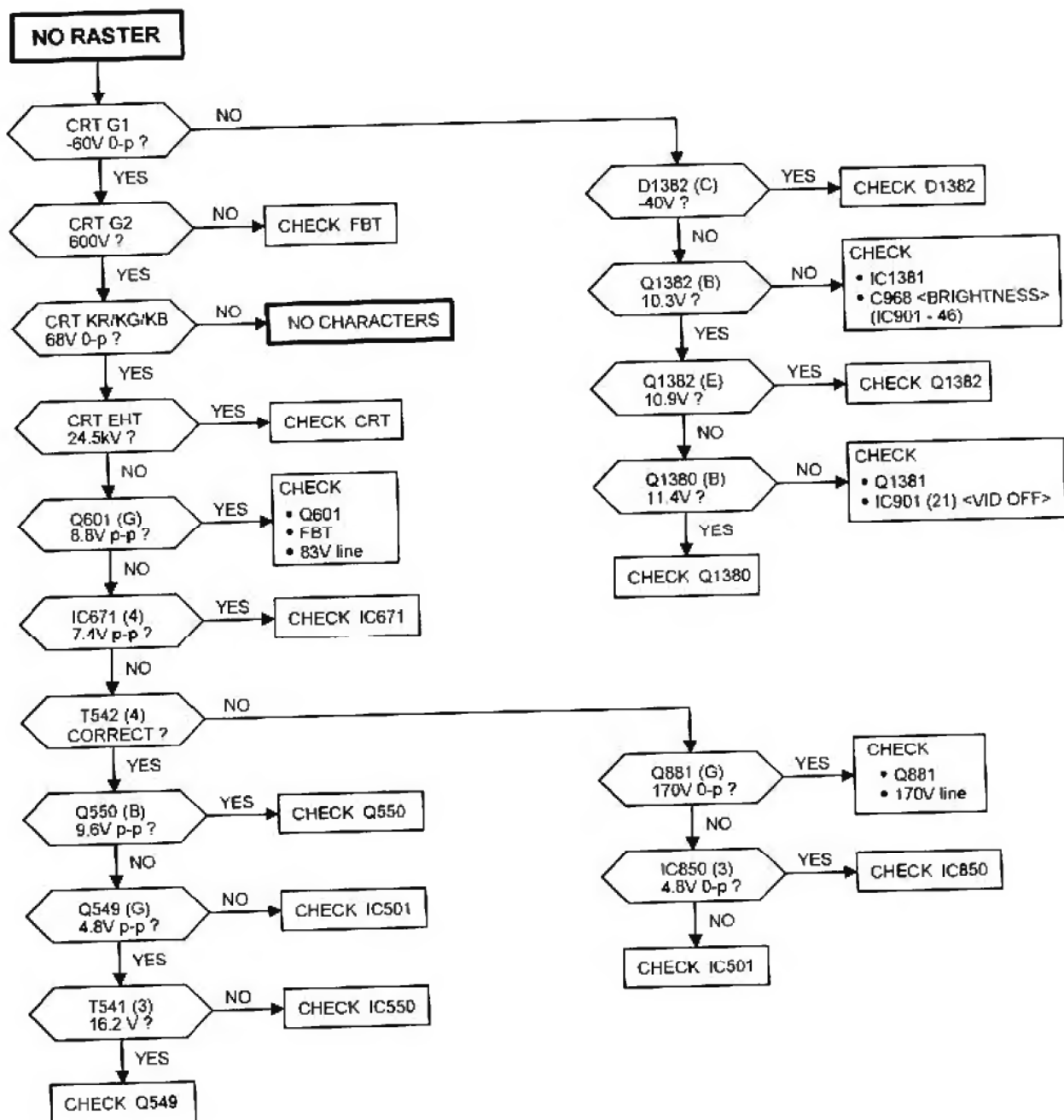


NO POWER



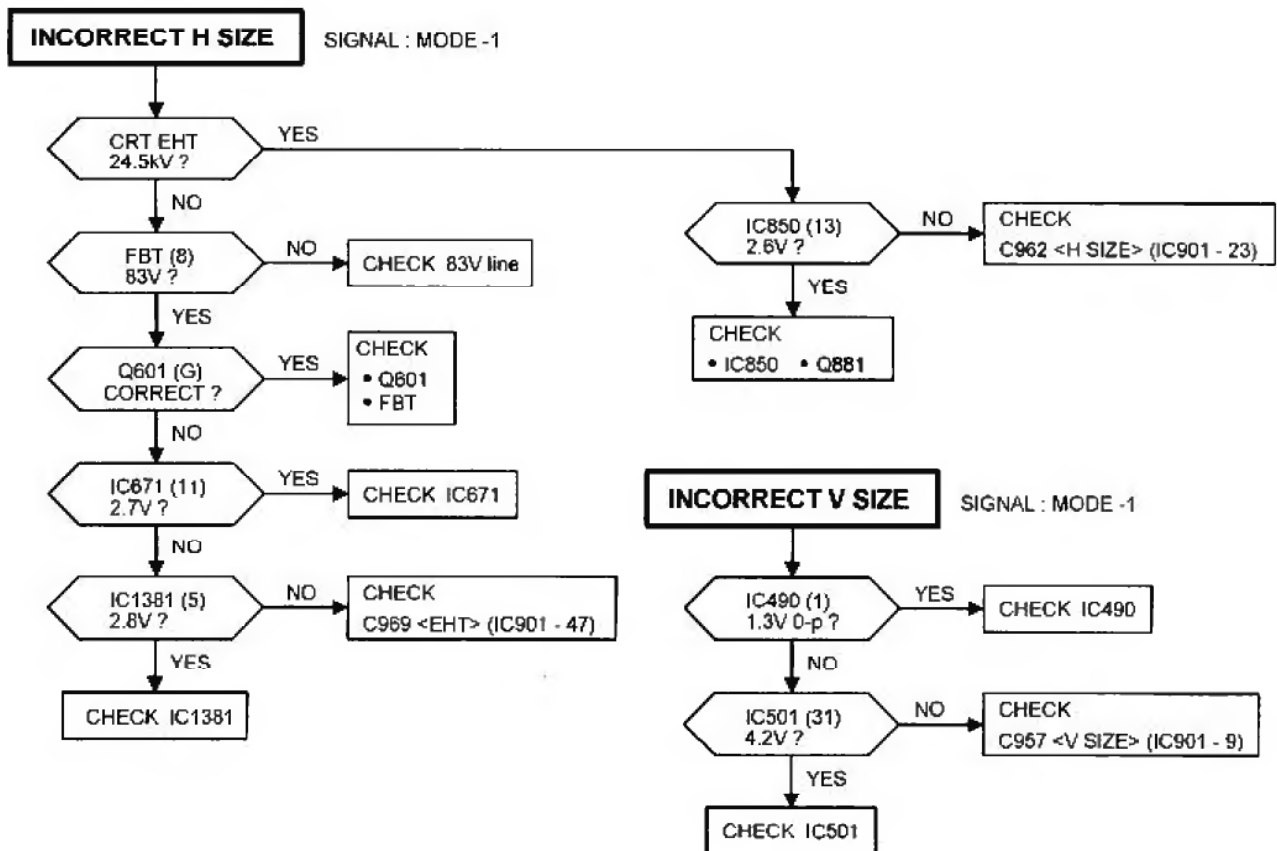
Voltage of T823 (3)

AC Input	IC841 (D)
100V	122V
120V	150V
220V	280V
240V	306V

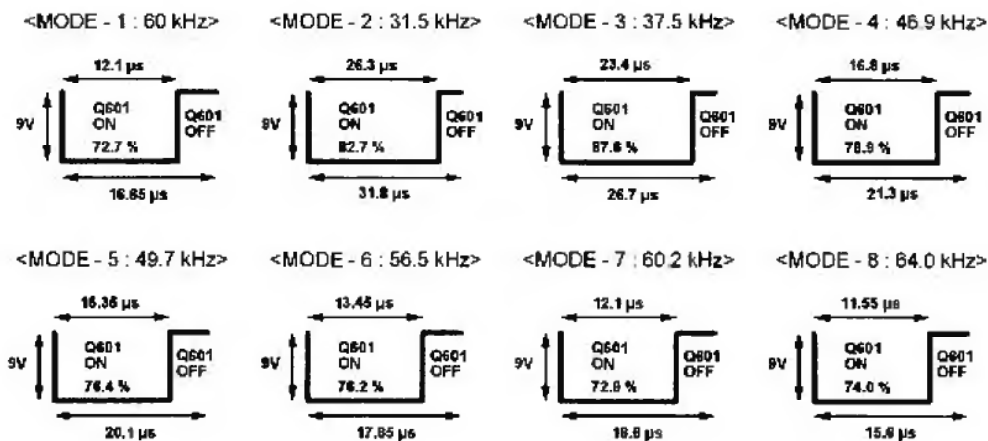


Voltage of T542 (4)

	f H	Value
MODE - 1	60.0 kHz	92.4V
MODE - 2	31.5 kHz	47.8V
MODE - 3	37.5 kHz	59.7V
MODE - 4	46.9 kHz	73.7V
MODE - 5	49.7 kHz	82.0V
MODE - 6	56.5 kHz	86.6V
MODE - 7	60.2 kHz	93.6V
MODE - 8	64.0 kHz	97.9V



Q601 (G) Wave Form



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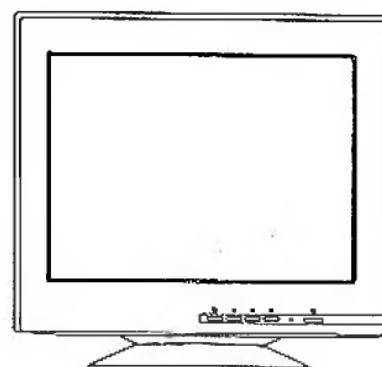
MODEL TX-D7F35-M/-U/-SW/-E/-G)

Chassis No. HV9

Chassis Family No.17HV9

Supplement

This supplement is issued to correct the pages about adjustment for the S70 / TX-D7F35 service manual.



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REQUIRED ADJUSTMENT PROCEDURE AFTER A PARTS REPLACED	1
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Conditions

Signal : Turn off the R, G, B (sync signal only)

Adjust Menu : " 3) Adjust OTHER setting " at main menu
" Adjust VIDEO setting " at sub menu

Using by Color Analyzer for H11 and H12 adjustment

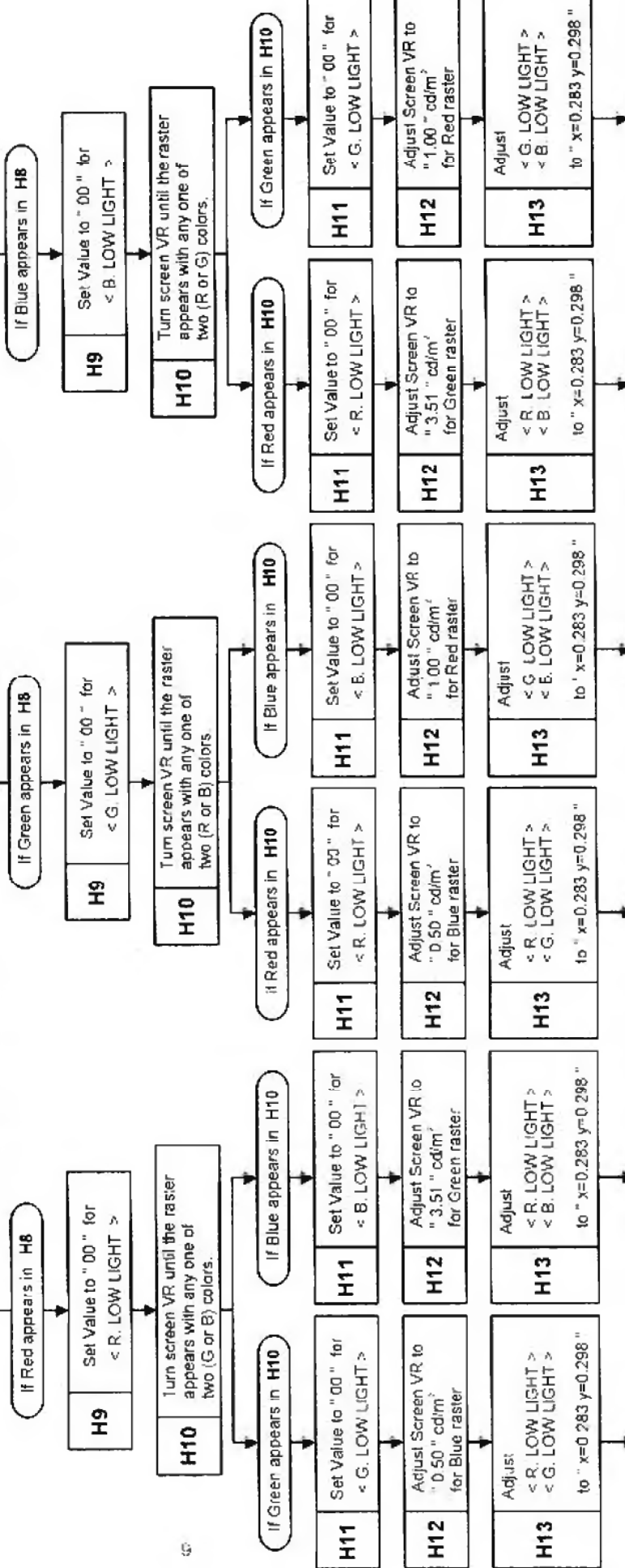
CRT CUT-OFF ADJUSTMENT

WARNING

Do not turn the screen VR after this adjustment.

- H5 Set screen VR fully counterclockwise (Min).
- H6 Set BRIGHTNESS to center point by using the OSD
- H7 Set data value to "BC" for R, G, B LOW LIGHT

H8 Turn screen VR until the raster appears with any one of three (R, G, B) colors



Test Pattern : 16 gradation grayscale Adjust screen VR so the 2nd level of gray appears slightly

H14